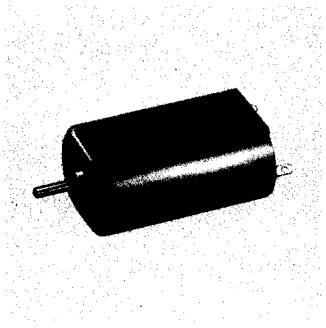
MABUCHI MOTOR FF-180PH/SH

OUTPUT: APPROX 0.5W~3.5W *Precious metal-brush motors*

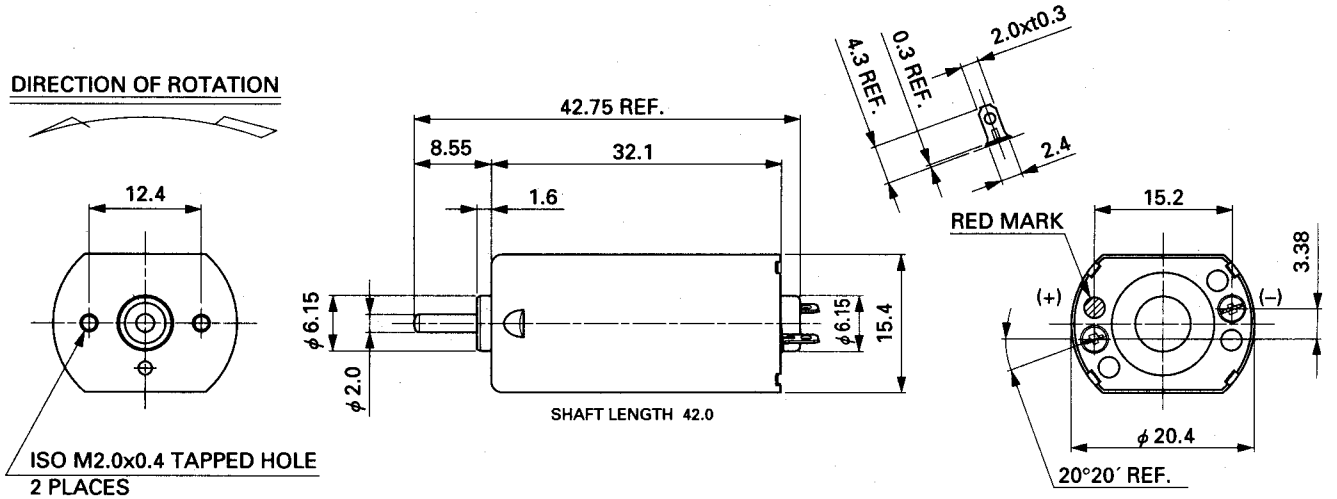
Typical Applications / Audio and Visual Equipments
- CD Player
- VCR

Household Appliances
- Electric Shaver
- Tooth Brush



MODEL	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY					STALL		
	OPERATING RANGE	NOMINAL (COMMUTATOR POSITION)	SPEED	CURRENT	SPEED	CURRENT	TORQUE		OUTPUT	TORQUE		CURRENT
			r/min	A	r/min	A	g·cm	mN·m	W	g·cm	mN·m	A
FF-180PH-2852	1 ~ 3	2.4V CONST. (CCW+)	8300	0.16	6900	0.86	18	1.76	1.27	116	11.4	4.57
FF-180PH-4022	1.0 ~ 1.5	1.2V CONST. (CCW+)	9400	0.40	8000	1.80	15	1.47	1.23	107	10.5	9.90
FF-180SH-2657	1 ~ 3	2.4V CONST. (CCW+)	7700	0.13	6400	0.70	15	1.47	0.98	107	10.5	3.80
FF-180SH-10320	6 ~ 12	12V CONST. (CCW)	6500	0.028	5300	0.12	7.5	0.74	0.41	82	8.04	0.52
FF-180SH-4026	1.0 ~ 1.5	1.2V CONST. (CCW+)	8300	0.30	6900	1.60	15	1.47	1.06	106	10.4	8.55
FF-180SH-14210	3.0 ~ 7.2	4.5V CONST. (CCW)	3700	0.025	3200	0.10	7.0	0.69	0.23	63	6.17	0.63

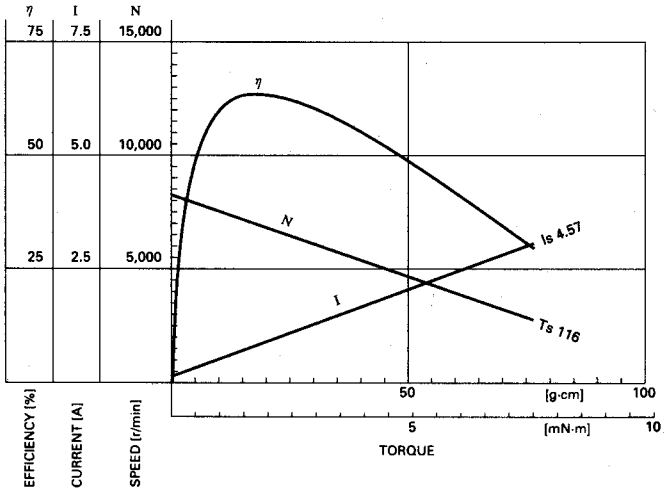
UNIT: MILLIMETERS



Usable male screw length 2.0 max. from motor mounting surface.

WEIGHT: 32g (APPROX)

FF-180PH-2852 2.4V



FF-180SH-2657 2.4V